

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Stephen J. Lewis of 64 Elderfield Road, Waterford, Perth, Australia 6152; Nils R. Merchant of 24 Tornado Road, Ocean Reef, Australia 6027; and Mike Reynolds of _____, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Method And Apparatus For Inserting Empty Memory Cells Into A Data Flow Of Network Connections Of A Computer Network

Filing Date: October 18, 2001

Application No.: 10/045,290; and

WHEREAS, Network Equipment Technologies, Inc., a corporation of the State of Delaware, located at 6900 Paseo Padre Parkway, Fremont, CA, 94555, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

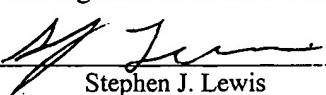
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 9 Dec 2002


Stephen J. Lewis

Dated: _____

Nils R. Merchant

Dated: _____

Mike Reynolds

COPY

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: _____

Stephen J. Lewis

Dated: 3rd December, 2002.

Nils R. Merchant
Nils R. Merchant

Dated: _____

Mike Reynolds

COPY

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WHEREAS, Stephen J. Lewis of 64 Elderfield Road, Waterford, Perth, Australia 6152; Nils R. Merchant of 24 Tornado Road, Ocean Reef, Australia 6027; and Mike Reynolds of Subiaco, Australia; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

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Dated: _____

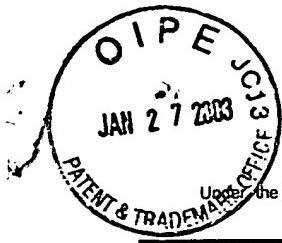
Stephen J. Lewis

Dated: _____

Nils R. Merchant

Dated: 20 Nov 2002

Mike Reynolds



PTO/SB/96 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Attorney Docket No. 010327-003600US

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Stephen Lewis et al.

Application No./Patent No.: 10/045,290

Filed/Issue Date: October 18, 2001

Entitled: **METHOD AND APPARATUS FOR INSERTING EMPTY MEMORY CELLS INTO A DATA FLOW OF NETWORK CONNECTIONS OF A COMPUTER NETWORK****Network Equipment Technologies, Inc.**, a **corporation of the State of Delaware**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is ____ %

in the patent application/patent identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel ____, Frame ____, or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel ____, Frame ____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel ____, Frame ____, or for which a copy thereof is attached.

- Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Oct-18, 2002

Date

Ruth M. Vogelsang

Typed or printed name

Ruth M. Vogelsang

Signature

Senior Corporate Counsel & Assistant
Secretary

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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